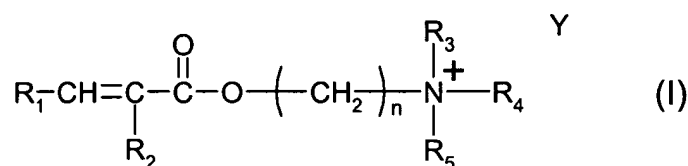


In the Claims:

1. **(currently amended)** A process for the preparation of a cationic liquid dispersion copolymer ~~derived from comprising the emulsion polymerization, characterized in that it consists essentially of~~

(a) a cationic monomer of formula (I),



wherein

R<sub>1</sub> is hydrogen or methyl,

R<sub>2</sub> is hydrogen or C<sub>1</sub>-C<sub>4</sub>alkyl,

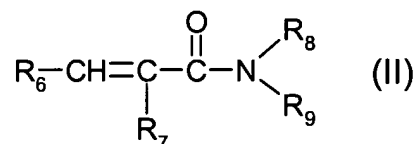
R<sub>3</sub>, R<sub>4</sub> and R<sub>5</sub> are independently from each other hydrogen or C<sub>1</sub>-C<sub>4</sub>alkyl,

n is a integer from 1 – 5, and

Y is a counterion,

and

(b) a monomer of formula (II)



wherein

R<sub>6</sub> signifies hydrogen or methyl,

R<sub>7</sub> signifies hydrogen or methyl, and

R<sub>8</sub> and R<sub>9</sub> signify independently from each other hydrogen or C<sub>1</sub>-C<sub>4</sub>alkyl,

with the proviso that at least one of the substituents R<sub>6</sub>, R<sub>8</sub> and R<sub>9</sub> is

C<sub>1</sub>-C<sub>4</sub>alkyl,

and

(c) optionally at least one cross-linking agent, which contains at least two ethylenically unsaturated moieties

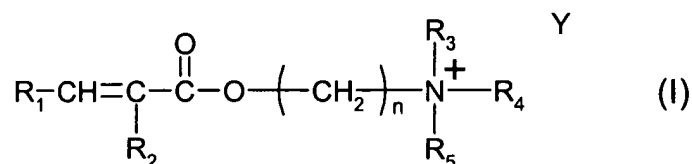
wherein the monomers I and II are combined in an aqueous phase which is mixed with an oil phase and polymerized,

characterized in that the cationic liquid dispersion copolymer consists essentially of monomer (I) and monomer (II).

2. **(currently amended)** A ~~process copolymer~~ according to Claim 1 characterized in that ~~[[it]]~~ the cationic liquid dispersion copolymer consists essentially of  
20 – 95 wt-% of a monomer of formula (I) and of  
5 – 50 wt-% of a monomer of formula (II).
3. **(currently amended)** A ~~process copolymer~~ according to Claim 1 characterized in that ~~[[it]]~~ the cationic liquid dispersion copolymer consists essentially of  
40 – 90 wt-% of a monomer of formula (I) and of  
10 – 40 wt-% of a monomer of formula (II).
4. **(currently amended)** A ~~process copolymer~~ according to Claim 1 characterized in that ~~[[it]]~~ the cationic liquid dispersion copolymer comprises 50 – 500 ppm of at least one cross-linking agent based on the total amount of the copolymer.
5. **(currently amended)** A ~~copolymer-process~~ according to claim 1 characterized in that  
R<sub>1</sub> is hydrogen or methyl,  
R<sub>2</sub> is hydrogen or methyl,  
R<sub>3</sub>, R<sub>4</sub> and R<sub>5</sub> are independently from each other hydrogen or methyl,  
n is an integer from 1 – 4, and  
Y is Cl; Br; I; hydrogensulfate or methosulfate.
6. **(currently amended)** A ~~copolymer-process~~ according to claim 1 characterized in that  
R<sub>6</sub> signifies hydrogen or methyl,  
R<sub>7</sub> signifies hydrogen or methyl, and  
R<sub>8</sub> signifies hydrogen or methyl, and  
R<sub>9</sub> signifies hydrogen or methyl,  
with the proviso that at least one of the substituents R<sub>6</sub>, R<sub>8</sub> and R<sub>9</sub> is methyl.

7. **(currently amended)** ~~A cationic liquid dispersion copolymer process~~ according to Claim 1 ~~derived from the~~ comprising the emulsion polymerization of

(a) a cationic monomer of formula (I),



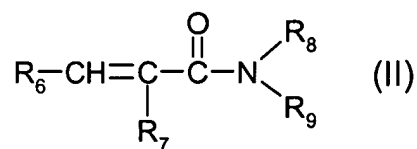
wherein

R<sub>1</sub>, R<sub>2</sub>, R<sub>3</sub>, R<sub>4</sub> and R<sub>5</sub> are independently from each other hydrogen or methyl,

n is 1, 2 or 3, and

Y is a counterion, and

(b) a monomer of formula (II)



wherein

R<sub>6</sub> signifies hydrogen or methyl, R<sub>7</sub> signifies hydrogen or methyl,

R<sub>8</sub> signifies hydrogen or methyl, and

R<sub>9</sub> signifies hydrogen or methyl,

with the proviso that at least one of the substituents R<sub>6</sub>, R<sub>8</sub> and R<sub>9</sub> is methyl,

and

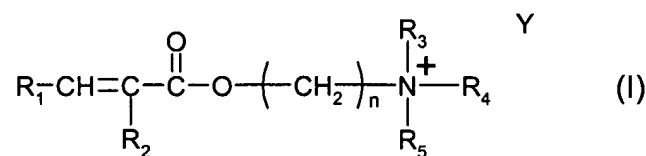
(c) optionally at least one cross-linking agent selected from the group consisting of tetra allyl ammonium chloride; allyl-acrylamides and allyl-methacrylamides; bisacrylamidoacetic acid and N,N'-methylene-bisacrylamide  
characterized in that the cationic liquid dispersion copolymer consists essentially of monomer of formula I and monomer of formula II.

8. **(currently amended)** ~~A copolymer process~~ according to Claim 7 characterized in that the cationic liquid dispersion copolymer consists essentially of ~~derived from the polymerization of~~  
20 – 95 wt-% of a cationic monomer of formula (I),  
and  
5 – 50 wt-% of a monomer of formula (II)  
and

50 – 500 ppm (based on the total amount of monomers) of at least one compound selected from the group consisting of tetra allyl ammonium chloride; allyl-acrylamides and allyl-methacrylamides; bisacrylamidoacetic acid and N,N'-methylene-bisacrylamide.

9. **(currently amended)** ~~A cationic liquid dispersion copolymer process~~ according to Claim 1-  
~~derived from the polymerization of~~ characterized in that the cationic liquid dispersion  
copolymer consists essentially of

- (a) 40 – 90 wt-% of a cationic monomer of formula (I),



wherein

$R_1$  and  $R_2$  are hydrogen,

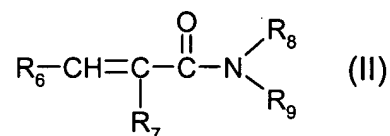
R<sub>3</sub>, R<sub>4</sub> and R<sub>5</sub> are methyl,

$n$  is 1, 2 or 3, and

Y is Cl; Br; I; hydrogensulfate or methosulfate,

and

- (b) 10 – 40 wt-% of a monomer of formula (II)



wherein

R<sub>6</sub> and R<sub>7</sub> signify hydrogen,

R<sub>8</sub> and R<sub>9</sub> signify methyl,

and

- (c) 100 – 300 ppm of tetra allyl ammonium chloride and/or N,N'-methylene-bisacrylamide.

10. **(currently amended)** A method of preparing a water- and/or oil-based personal care composition which comprises incorporation of a cationic liquid dispersion copolymer prepared according to the process of claim 1 into said composition.

11. **(currently amended) [[An]]** A method of preparing an oil/water emulsion-based personal care composition which comprises incorporation of a cationic liquid dispersion copolymer prepared according to the process of claim 1 into said composition which composition comprises:
- 0.5 – 10 wt-% of at least one said cationic liquid dispersion copolymer ~~according to Claim 1,~~  
2 – 25 wt-% of at least one oil-component,  
0 – 25 wt-% of at least one adjuvant and/or additive, and  
water up to 100 wt-%.
12. **(currently amended) [[An]]** A method according to claim 10 of preparing an oil-based personal care composition which composition comprises
- 0.5 – 10 wt-% of at least one copolymer according to Claim 1,  
50 – 99 wt-% of at least one oil-component, and  
0 – 25 wt-% of at least one adjuvant and/or additive.
13. **(currently amended)** ~~A copolymer~~ process according to claim 5 characterized in that
- R<sub>1</sub> is hydrogen,  
R<sub>2</sub> is hydrogen,  
R<sub>3</sub>, R<sub>4</sub> and R<sub>5</sub> are methyl,  
n is an integer from 1 – 4, and  
Y is Cl; Br; I; hydrogensulfate or methosulfate.
14. **(currently amended)** ~~A copolymer~~ process according to claim 6 characterized in that
- R<sub>6</sub> signifies hydrogen,  
R<sub>7</sub> signifies hydrogen, and  
R<sub>8</sub> signifies hydrogen or methyl, and  
R<sub>9</sub> signifies hydrogen or methyl,  
with the proviso that at least one of the substituents R<sub>8</sub> and R<sub>9</sub> is methyl.
15. **(currently amended)** ~~A copolymer~~ process according to claim 8 ~~derived from the polymerization of~~ characterized in that the cationic liquid dispersion copolymer consists essentially of

40 – 90 wt-% of a cationic monomer of formula (I),

and

10 – 40 wt-% of a monomer of formula (II)

and

100 – 300 ppm (based on the total amount of monomers) of at least one compound selected from the group consisting of tetra allyl ammonium chloride and N,N'-methylene-bisacrylamide.